

ENVIRONMENTAL PROTECTION AGENCY



OFFICE OF PESTICIDE PROGRAMS (OPP)

Active Pesticide Project Registration Informational Listing (APPRIL) User Guide

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1 What is the Active Pesticide Product Registration Informational Listing (APPRIL)?

APPRIL is an website that provides timely, relevant information for active and canceled FIFRA Section 3 pesticide products and associated supplemental registration/distributor products. Possible uses for APPRIL are:

- Find a product and its related distributor products
- Find all products for a particular company
- Find all products and alternate brand names containing a phrase
- Find all products containing a particular chemical or combination of chemicals
- Find all products that are classified as an Insecticide, or other pesticide category
- Find all products for a particular use pattern
- Find all products that can be applied to certain sites
- Find all products that can be used to treat certain pests
- Find all products registered during a particular time-period
- Find all “Me-too” products
- Find all products used as a basis for a “Me-too” registration

NOTE: The information in this database is updated daily.

1. Information in the APPRIL database includes:
 - EPA Product Registration Number (links to the Pesticide Product and Label System)
 - Registration Type: ‘Sec3’ - FIFRA section 3 product; ‘DP’ - distributor product
 - Product Name/Alternate Brand Names (ABNs)
 - Status Group – Active, Pending, Inactive and status (registered, conditionally registered, cancelled, etc.)
 - Registration Date
 - Company Number
 - Company Name
 - Transfer History
 - Pesticide Type (Conventional Chemical, Antimicrobial, etc.)
 - Pesticide Category (Herbicide, Insecticide, etc.)
 - Use Type (End Use, Manufacturing Use)
 - Use Patterns
 - Signal Word (Caution, Warning, Danger, etc.)
 - Restricted Use Flag (Y/N)
 - Restricted Use Reason
 - Ingredients – Actives & Inerts (PC Code, CAS Number, formulation %)
 - “Me-Too” Indicator
 - Section 3 products used as a reference for a “Me-Too” registration
 - Sites the product is registered to be applied to

- Pests the product is registered to treat
- Product Manager Team Name
- Product Manager Information
- Registration Number Sort Field (sort Sec 3 #'s and DP #'s properly)
- Date First registered
- Most Recent Label Date

2 How to Access APPRIL

1. APPRIL can be accessed at https://ordspub.epa.gov/ords/pesticides/f?p=appril_public

3 Initial Search Selection Page

1. Entering APPRIL you will be presented with an initial page containing the informational area (Figure 1) and the initial search selection area (Figure 2)

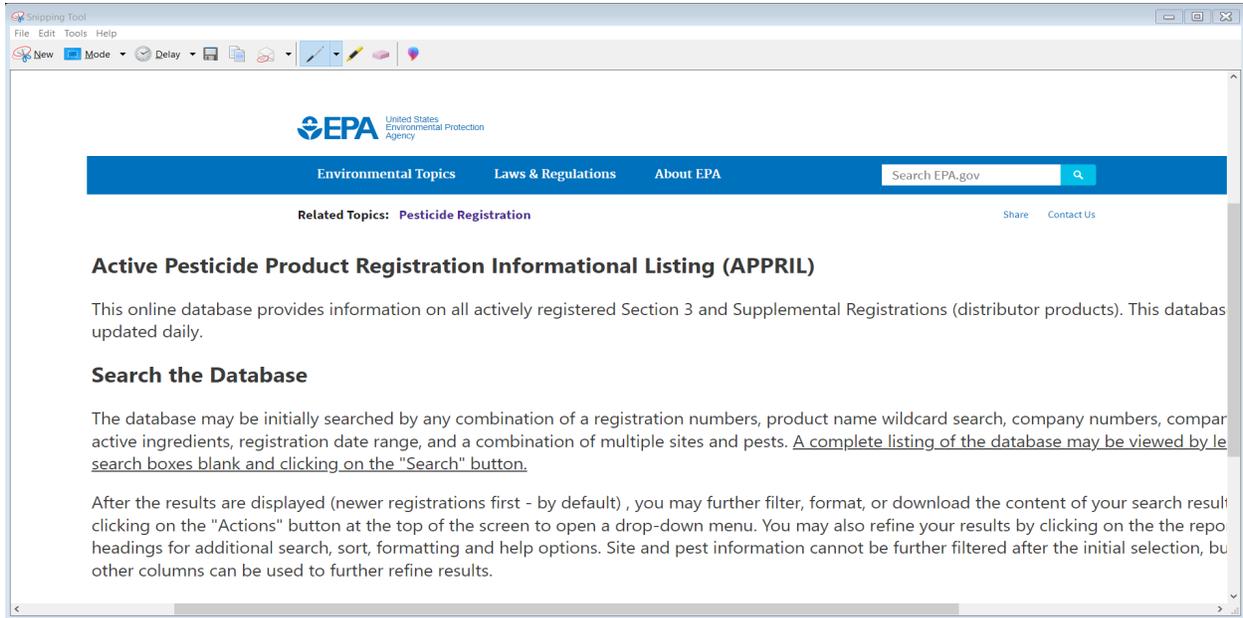


Figure 1 - Informational Region

Status Group:

Status:

Registration Number(s):

Product Name/Alt Brand Name(s):

Company Number(s):

Company Names(s):

Ingredient(s):

Use Pattern:

Pesticide Category:

Site(s):

Pest(s):

Date Registered - Start:

Date Registered - End:

Figure 2 - Initial Search Selection Area

2. Use the search selection area to enter values into the search fields listed in Figure 2 or leave the fields blank to select all records in the database. Various combinations can be filled in to create an initial search of records in the database. The products returned will meet the search values specified.
 - a. **Multi-value search method:** Most search fields (apart from the use pattern, pesticide category and the registration date start and stop dates) can accept multiple values. You can select one or more search values by clicking on the down-arrow to the right of the search box. You will be presented with a list of valid values for that field, click on the value you want to search for to add it to the search list. Repeat this process until you have selected all the values you want to search for in that field. Any record that contains any of these values in the field will be selected. **Note:** Do not combine this search method with the wildcard search method described below in a single search field or you will receive unexpected results.
 - b. **Wildcard search method:** Most search fields (apart from the use pattern, pesticide category and the registration date start and stop dates) can use a wildcard search to locate records that have the specified search phrase in the field. Click directly in the search field, enter the search phrase you want to search for, and press the <Enter> key. This will enter this search value into the search field. All records that contain the search phrase will be selected. **Note:** Only one value will work with this method. Do not combine this search method with the multi-value search method described above in a single search field or you will receive unexpected results. For example, entering 'mosq' using this method will save time for searching for all pests containing the phrase 'mosq' – as opposed to selecting each of the 23 types of pests containing 'mosquito' from the pest pick-list.
 - c. **Single-value search method:** The use pattern, pesticide category fields can only be searched for one value. You can select one value by clicking on the down-arrow to the right of the search box. You will be presented with a list of valid values for that field, click on the value you want to search for to add it to the search list.
 - d. The registration date range - start and stop fields can be selected by clicking on a date presented in the calendar widget, or by entering a valid date in MM/DD/YYYY format and pressing the <Enter> key. Two dates must be selected. These selections will narrow the result set to products that were registered within the selected timeframe.
 - e. Click on the <Clear> button to erase your selections or left click on the <Search> button to begin your search.

NOTE: Selecting the search button without entering any values in the initial search will return all records in the database – the results can be filtered by the using additional filtering functions available on the results page. The only exceptions are the alternate brand name, sites, and pest fields that cannot be used from the results page to further filter records.

3. A weekly data dump file containing all APPRIL data – including site, pest, and alternate brand name information can be downloaded by clicking on the link on the first page of the application. This file is refreshed Mondays and saved in Excel – xlsx format.

4 Product Result Page

1. After pressing the <Search> button, you will be presented with the results page including a count of the number of returned rows (Figure 3).

The screenshot shows a web browser window with the URL `ordsstage.epa.gov/ords/cswu/?p=307:3:::RP::`. The page title is "Active Pesticide Product Registration Informational Listing (APPRIL)". Below the title, there is a search bar with a magnifying glass icon, a "Go" button, and an "Actions" dropdown menu. To the right of the search bar are "Search Again" and "Back to Pesticide Registration Page" buttons. Below the search bar, it says "1 - 50 of 57,807". The main content is a table with the following columns: Registration Number, Registration Type, Product Name, Status, Date Registered, Company Number, Company Name, Pesticide Type, Pesticide Category, Use Type, Signal Word, Restricted Use Flag, Restricted Use Reason, and Active Ingredient. The table contains three rows of data, with the first two rows highlighted in light blue. The first row has Registration Number 106-83, Registration Type Sec3, Product Name Uniquat Plus 256, Status Conditionally Registered, Date Registered 07/20/2022, Company Number 106, Company Name Brulin & Company Inc, Pesticide Type Antimicrobial, Pesticide Category Disinfectant, Fungicide/Fungistat, Sanitizer, Virucide, Use Type End Use, Signal Word Danger, Restricted Use Flag N, Restricted Use Reason, and Active Ingredient 1-Decanaminium N,N-Dimethyl-, C (069149/7173-51), Alkyl Dimethyl I Ammonium Chlo (50%C14, 40%C1 (069105/68424-8). The second row has Registration Number 106-84, Registration Type Sec3, Product Name Uniquat Plus 128, Status Conditionally Registered, Date Registered 07/20/2022, Company Number 106, Company Name Brulin & Company Inc, Pesticide Type Antimicrobial, Pesticide Category Bactericide/Bacteriostat, Disinfectant, Fungicide/Fungistat, Sanitizer, Virucide, Use Type End Use, Signal Word Danger, Restricted Use Flag N, Restricted Use Reason, and Active Ingredient 1-Decanaminium N,N-Dimethyl-, C (069149/7173-51), Alkyl Dimethyl I Ammonium Chlo (50%C14, 40%C1 (069105/68424-8). The third row is partially visible with Registration Number 106-85, Registration Type Sec3, Product Name Uniquat Plus, Status Conditionally Registered, Date Registered 07/20/2022, Company Number 106, Company Name Brulin & Company Inc, Pesticide Type Bactericide, Pesticide Category Bactericide, Use Type End Use, Signal Word Danger, Restricted Use Flag N, Restricted Use Reason, and Active Ingredient 1-Decanaminium N,N-Dimethyl-, C (069149/7173-51).

Registration Number	Registration Type	Product Name	Status	Date Registered	Company Number	Company Name	Pesticide Type	Pesticide Category	Use Type	Signal Word	Restricted Use Flag	Restricted Use Reason	Active Ingredient
106-83	Sec3	Uniquat Plus 256	Conditionally Registered	07/20/2022	106	Brulin & Company Inc	Antimicrobial	Disinfectant, Fungicide/Fungistat, Sanitizer, Virucide	End Use	Danger	N		1-Decanaminium N,N-Dimethyl-, C (069149/7173-51), Alkyl Dimethyl I Ammonium Chlo (50%C14, 40%C1 (069105/68424-8)
106-84	Sec3	Uniquat Plus 128	Conditionally Registered	07/20/2022	106	Brulin & Company Inc	Antimicrobial	Bactericide/Bacteriostat, Disinfectant, Fungicide/Fungistat, Sanitizer, Virucide	End Use	Danger	N		1-Decanaminium N,N-Dimethyl-, C (069149/7173-51), Alkyl Dimethyl I Ammonium Chlo (50%C14, 40%C1 (069105/68424-8)
106-85	Sec3	Uniquat Plus	Conditionally Registered	07/20/2022	106	Brulin & Company Inc	Bactericide	Bactericide	End Use	Danger	N		1-Decanaminium N,N-Dimethyl-, C (069149/7173-51)

Figure 3 – Product Result Page

2. The result page is tabular set of data with rows and columns that can be further filtered, sorted, formatted, and saved to a file for further analysis.
3. The next section will describe the many options to further filter, refine, and format your results.

5 Options Available to Modify the Result Set

1. **General Text Search Across All Fields** – In the upper-left part of the results page is a search box where text can be entered. This text can be a partial of full phrase. Clicking on the <Go> button will filter all records to only those that include the text entered (regardless of case) anywhere within the row. This step can be repeated multiple times to filter text in multiple fields until the desired results are obtained. Each search can be de-activated by clicking on the check box or removed by clicking on the ‘X’ next to each search box. The result set will automatically reflect the latest search criteria (Figure 4).

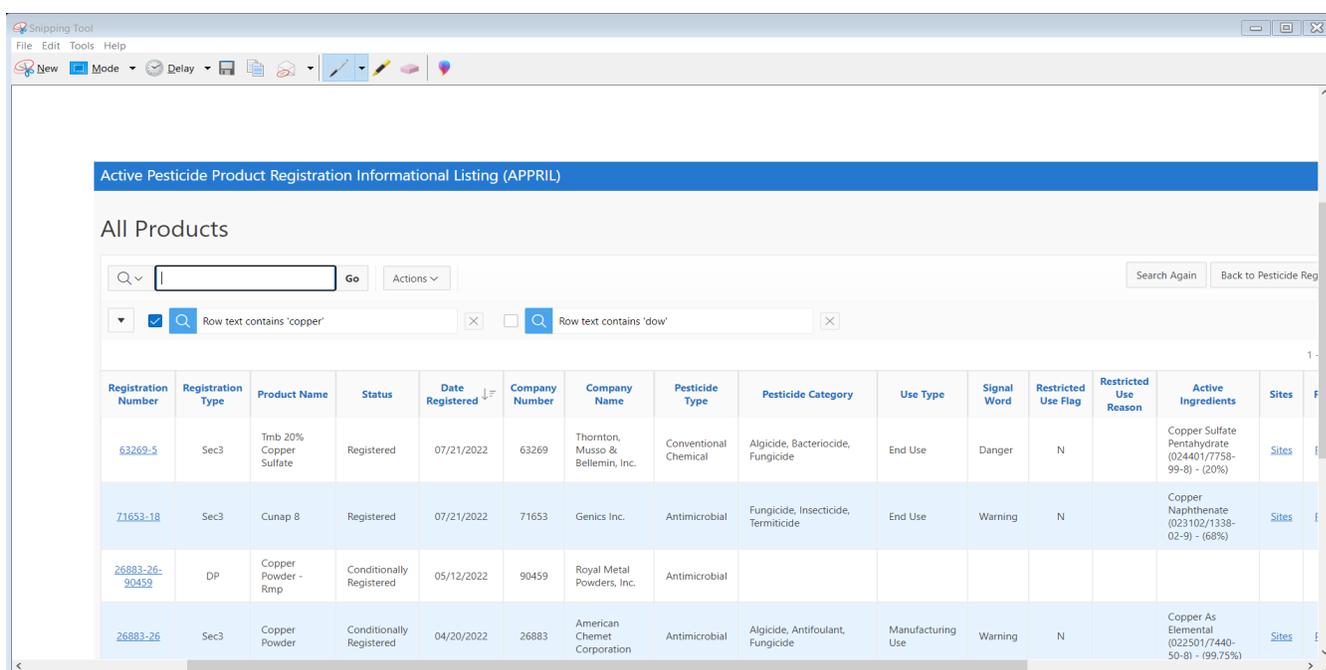


Figure 4 - Text Search Across All Fields

2. **Column-Specific Text Search** - Clicking on the down arrow next to the magnifying glass will provide a list of the fields available in the report (Figure 5). You can select a field, enter the search text (case insensitive), and click on the <Go> button. The result set will be filtered to only contain records that have the text contained in that field. This process can be repeated until you have selected only the records you are interested in.

The screenshot shows the 'Active Pesticide Product Registration Informational Listing (APPRIL)' page. At the top, there is a search bar with a magnifying glass icon and a 'Go' button. To the right of the search bar are 'Search Again' and 'Back to Pesticide Registration Page' buttons. Below the search bar is a table with 15 columns: Registration Number, Product Name, Status, Date Registered, Company Number, Company Name, Pesticide Type, Pesticide Category, Use Type, Signal Word, Restricted Use Flag, Restricted Use Reason, Active Ingredients, Sites, and Pests. A dropdown menu is open over the 'Product Name' column, listing various search options such as 'Registration Number', 'Registration Type', 'Product Name', 'Status', 'Date Registered', 'Company Number', 'Company Name', 'Pesticide Type', 'Pesticide Category', 'Use Type', 'Signal Word', 'Restricted Use Flag', 'Restricted Use Reason', 'Active Ingredients', and 'PM Team'. The table contains several rows of data, including products like 'Corteva Agriscience Llc', 'Agrisel Usa, Inc.', 'Nemo', 'Sbm Life Science Corp.', and 'Albaugh, Llc'. The page number '1 - 50 of 57,815' is visible in the top right corner of the table area.

Figure 5 – Column-Specific Text Search

- 3. Column-Specific Options** – Results can be further modified by clicking on most column headings to activate column-specific options. All column options act specifically on that column’s contents and typically include search, sorting, column selection, control breaks (grouping by field values) and help text. The options window will also list a unique list of column values from which to choose (Figure 6). These options can be applied to any combination of columns to assist the user in narrowing down the returned rows to obtain the desired result set.

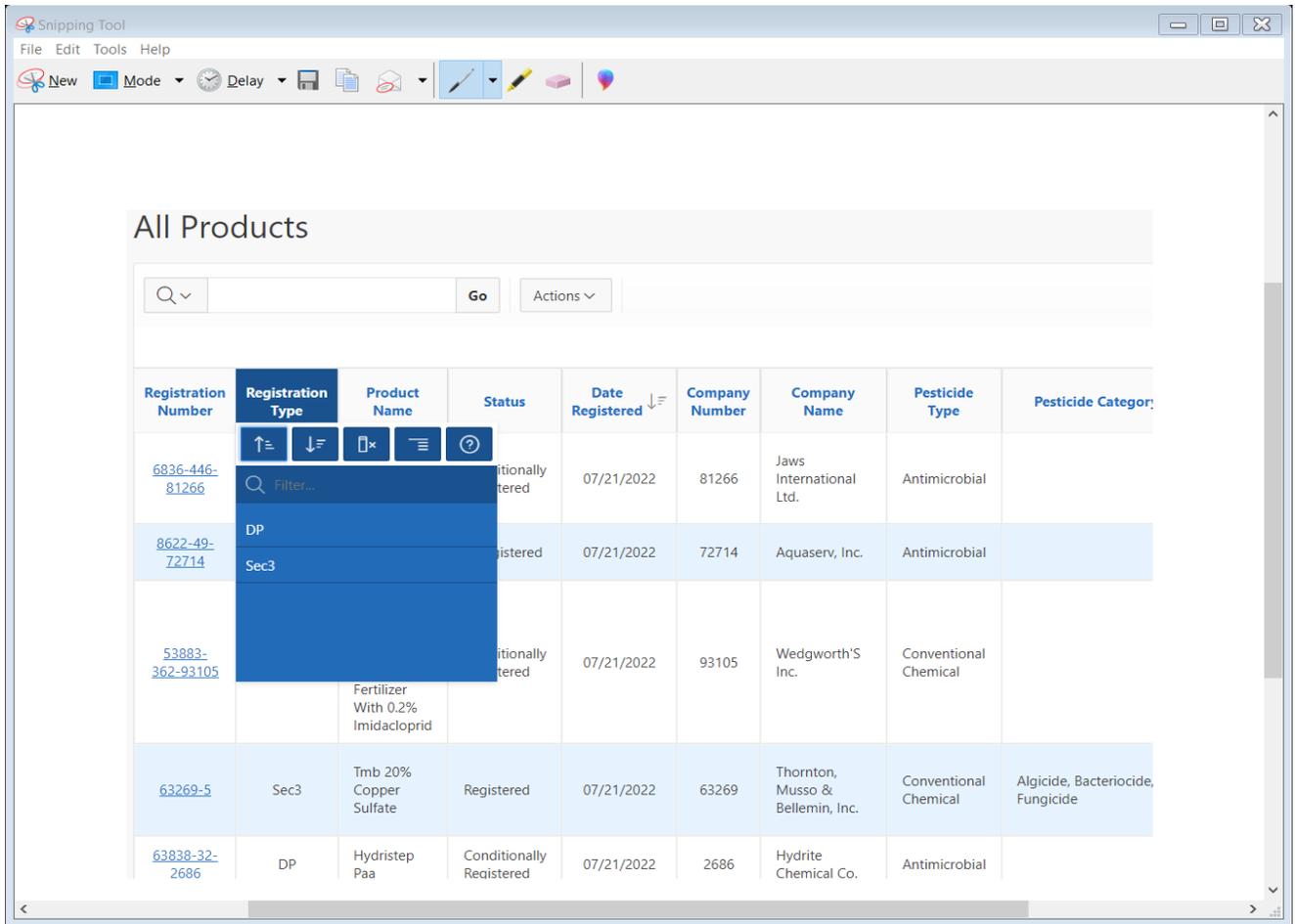


Figure 6 - Column-Specific Options

4. **The Actions Menu** – Located to the right of the general text search box is the Actions menu (Figure 7). The Actions menu provides useful options for you to further filter, sort, format and download the query results, much the same way as the column-specific options.
 - a. **Select Columns** – lets you add, remove, and rearrange columns to be included in the result set.
 - b. **Filter** – Provides advanced row and column filtering by letting you enter multiple selections to provide fine-grained filtering of rows. Filters are additive, can be disabled by unselecting the box to the left of the filter, or removed altogether by clicking on the 'X' to the right of the filter. Clicking on the filter box will let you modify the filter conditions.
 - c. **Rows per Page** – lets you control the number of rows returned on each page.
 - d. **Format** (Figure 8) – lets you control the appearance and functionality of the result set (report) including additional sorting, creating counts, creating groupings and sub-totals, etc.

- e. **Help** – Vendor provided help on how to use the built-in features (not all features are available).
- f. **Download** – lets you download the results of the result set to either a Comma Separated Values (.csv) file, or an Excel workbook file (.xlsx) file, or a pdf document. **NOTE:** Downloaded reports from this page do not contain alternate brand name, site, or pest information. This information can be retrieved from the weekly APPRIL data dump file (Excel - xlsx) available from the URL link on the first page.

The screenshot shows a web browser window with the URL ordsstage.epa.gov/ords/cswu/?p=307:3:::RP:. The page title is "Active Pesticide Product Registration Informational Listing (APPRIL)". Below the title, there is a search bar and a "Go" button. The main content area is titled "All Products" and displays a table of pesticide products. The table has columns for Registration Number, Registration Type, Product Name, Status, Registration Date, Company Number, Company Name, Pesticide Type, Pesticide Category, Use Type, Signal Word, Restricted Use Flag, Restricted Use Reason, and Active Ingredient. An "Actions" menu is open over the table, showing options like "Filter", "Rows Per Page", "Format", "Help", and "Download".

Registration Number	Registration Type	Product Name	Status	Registration Date	Company Number	Company Name	Pesticide Type	Pesticide Category	Use Type	Signal Word	Restricted Use Flag	Restricted Use Reason	Active Ingr
6835-446-81266	DP	Jaws Professional Duo Complete	Conditionally Registered		266	Jaws International Ltd.	Antimicrobial						
8622-49-72714	DP	B-40br	Reregistered		714	Aquaserv, Inc.	Antimicrobial						
53883-362-93105	DP	Big W Brand - Wedgworth Specialty Commercial Fertilizer With 0.2% Imidacloprid	Conditionally Registered	07/21/2022	93105	Wedgworth'S Inc.	Conventional Chemical						
63269-5	Sec3	Tmb 20% Copper	Registered	07/21/2022	63269	Thornton, Musso & Co.	Conventional	Algicide, Bactericide,	End Use	Danger	N		Copper Sulfate Pk

Figure 7 – The Actions Menu

The screenshot shows a web browser window displaying the 'Active Pesticide Product Registration Informational Listing (APPRIL)'. The browser address bar shows 'ordsstage.epa.gov/ords/cswu/f?p=307:3:::RP:'. The page title is 'Active Pesticide Product Registration Informational Listing (APPRIL)'. Below the title is a search bar and a 'Go' button. A table of pesticide products is displayed with columns: Registration Number, Registration Type, Product Name, Status, Registration Date, Company Number, Company Name, Pesticide Type, Pesticide Category, Use Type, Signal Word, Restricted Use Flag, Restricted Use Reason, and Active Ingr. A context menu is open over the table, showing options: Select Columns, Filter, Rows Per Page, Format (selected), Sort, Control Break, Highlight, Compute, Aggregate, and Group By. The table contains several rows of data, including products like 'Jaws Professional Duo Complete', 'B-40br', 'Big W Brand - Wedgworth Specialty Commercial Fertilizer With 0.2% Imidacloprid', 'Tmb 20% Copper Sulfate', and 'Hydristep Paa'.

Registration Number	Registration Type	Product Name	Status	Registration Date	Company Number	Company Name	Pesticide Type	Pesticide Category	Use Type	Signal Word	Restricted Use Flag	Restricted Use Reason	Active Ingr
6836-446-81266	DP	Jaws Professional Duo Complete	Conditionally Registered				Antimicrobial						
8622-49-72714	DP	B-40br	Reregistered				Antimicrobial						
53883-362-93105	DP	Big W Brand - Wedgworth Specialty Commercial Fertilizer With 0.2% Imidacloprid	Conditionally Registered	07/21/2022	93105	Wedgworth Specialty Commercial Fertilizer, Inc.	Conventional Chemical						
63269-5	Sec3	Tmb 20% Copper Sulfate	Registered	07/21/2022	63269	Thornton, Musso & Bellemin, Inc.	Conventional Chemical	Algicide, Bactericide, Fungicide	End Use	Danger	N		Copper Sulfate Pt (024401/7758-99)
63838-32-2686	DP	Hydristep Paa	Conditionally Registered	07/21/2022	2686	Hydrite Chemical Co.	Antimicrobial						

Figure 8 - Format Options

6 Additional Information

Conducting a search using multiple search terms from the Search page will result in products that meet all criteria specified in each search box (AND condition). Selecting multiple values WITHIN a particular search box (such as pest) will include products that include at least one of the selected terms (OR condition). More advanced queries can be performed by using the Action button->Filter-> Row option on the Results page to create database-like queries using nested and/or conditions. The wildcard character is '%' – so a search for a phrase can use a query statement such as fieldname like '%search_phrase%'. Upper/lower case is NOT ignored, this must be taken into account.

Using the field with the column header 'Sort by Reg #' to sort by in the APPRIL results page will group a FIFRA Section 3 product with its associated distributor products.

Tip: When viewing the results page – which can be too wide for the screen – pressing the <Ctrl> key with either the = (equal sign) key, - (minus) key, or the 0 (zero) key will zoom in, zoom out, or set the text size on the screen back to 100 % respectively. This shortcut works on most popular browsers. Using the Actions button to reduce the number of rows displayed will make it easier to find the scroll bar region on the bottom of the page to allow you to more easily scroll the screen to view all column values.

If you have any questions regarding the use of the APPRIL system, you can submit them to APPRIL_Support@epa.gov. Questions regarding data-related issues can be directed to the appropriate product manager.